

Investigation of the Durning Process for Inorganic
Salts - Ammonium Bichromate and Ammonium Tri-
chromate, by A. A. Shidlovsky, S. A. Orenzhoreyev,
4 pp.

RUSSIAN, per, Zhur Prii Khim, Vol. ~~XXV~~ XXVI,
No 1, Jan 1953, pp 25-29.

Consulting Bureau

Scientific - Chemistry

13,658

Explosive Mixtures of Water and Methanol with
Magnesium and Aluminum, by A. A. Shidlovskii,
15pp
RUSSIAN, per, Zhurnal Prikl Khimii, Vol 19,
1946, No 4, pp 371-378
SLA TT-65-10139

A. A. Shidlovskii

Sci - Chem
June 67

329,414

Stability of Electrolyte Films, by V. G. Gleim,
I. K. Shelomov, B. R. Shidlovskiy, 4 pp.

RUSSIAN, per. Zhur Prik Khim, Vol XXII, No 5,
1959, pp 1046-1049.

Consultants Bureau

Sci

Jun 62

117,768

Excitor for Frequency-Modulation Transmitter Working
on Ultra-Short Waves, by P. V. Kushnir, I. A.
Shidlovskiy, 6 pp, (AF 717651).

RUSSIAN, no per, Elektrosvyaz, No 2, 1956, pp 22-25.

ATIC F-TS-9071/V

Sci - Electronics
Aug 57

51,241

VEST AKAD NAUK SSSR

No 5, 1947, 5 $\frac{1}{2}$ pp

127 41 15000.500
"The Economic System in the Academy of Sciences USSR"

P. G. Shidlovskiy

Done by RDB
copy in files
(loaned to OSI CD 7373.1, 13 May 1949)

Y-3227

54T9

(NY-4385)

A 4096-Number Ferrite Storage Unit, by Yu. N.
Glukhov, V. I. Zolotarevskiy, M. A. Kartsev,
V. P. Konstantinov, R. P. Shidlovskiy, 33 pp.

RUSSIAN, bk, Tsifrovaya Tekhnika i Vychislitel'nyye
Ustroystva, 1959, pp 5-27.

JPRS 7491

Sci - Electron

Mar 61

143,900

Certain Problems Concerning the Movements of a
Conductive Viscous Gas in the Presence of
Magnetic and Electric Fields, by V. P. ~~SHIDLOVSKIY~~
Shidlovskiy, 9 pp.

RUSSIAN, per, Zhur Prik Mekh i Tekh Fiz, No 5,
1961, pp 10-15. 9685484

FTD-TT-63-202

Sci-Phys

Aug 63

843,529

A Method of Approximate Computation of Stream-
Lined Flow of a Gas Stream Around a Flat Semi-
Profile at High Mach Numbers, by V. P. Shidlovskiy,
13 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk,
No 3, 1958, pp 156-162.

SLA 60-17380

Sci
OTS, Vol IV, No 3
Oct 60

129,437

The Cooling of Wires and Lorenz' formula,
by V. M. Shidlovskoi, pp 4.

RUSSIAN, Izvestiya Akad. Nauk Fiz-khim Obshch, Vol 43, 1914,
pp 123-126.

1 Sci Museum No 51/2959

Scientific

A 10913

Determination of Particle Size of Powders With a
Gelatin Solution, by A. S. Serenko, A. V. Shidnik.

RUSSIAN, no per, Zavod Lab, Vol XXII, No 10, 1956,
pp 1204-1205.

Henry Bratcher

No 3587

\$2.25

53,209

Sci - Chem
Sep 57

130

Problems and Discussions, by Ta-wei Shieh,
CHINESE, per, Peking, T'u-mi, Kung-ch'eng
Hsueh-pao, Vol 8, No 1, Jan 1962, pp 64.
*FED-ET-23-840-63C

Ta-wei Shieh

Sci-Mechanical Engr
Sept 68

(DC-5187)

Pharmacognostical Studies of the Chinese Drugs
Pai-Ch'ien and Pai-Wei, Part II, Macroscopical
and Microscopical Characters, by Liu Mei-lan,
Shie Tsung-wan, Lou Tze-ching, 28 pp.

CHINESE, per, Acta Pharmaceutica Sinica, Vol VIII,
Feb 1960, pp 77-87.

JPRS 8936

173.657

Sci. Chem

On Functions Holomorphic in the Unit Circle
with Two Exceptional Values, by Shieh
Hui-chun, 9 pp.

CHINESE, per, Acta Mathematica Sinica, Vol X,
No 2, 1960.

Amer Math Soc

Sci

Jan 63

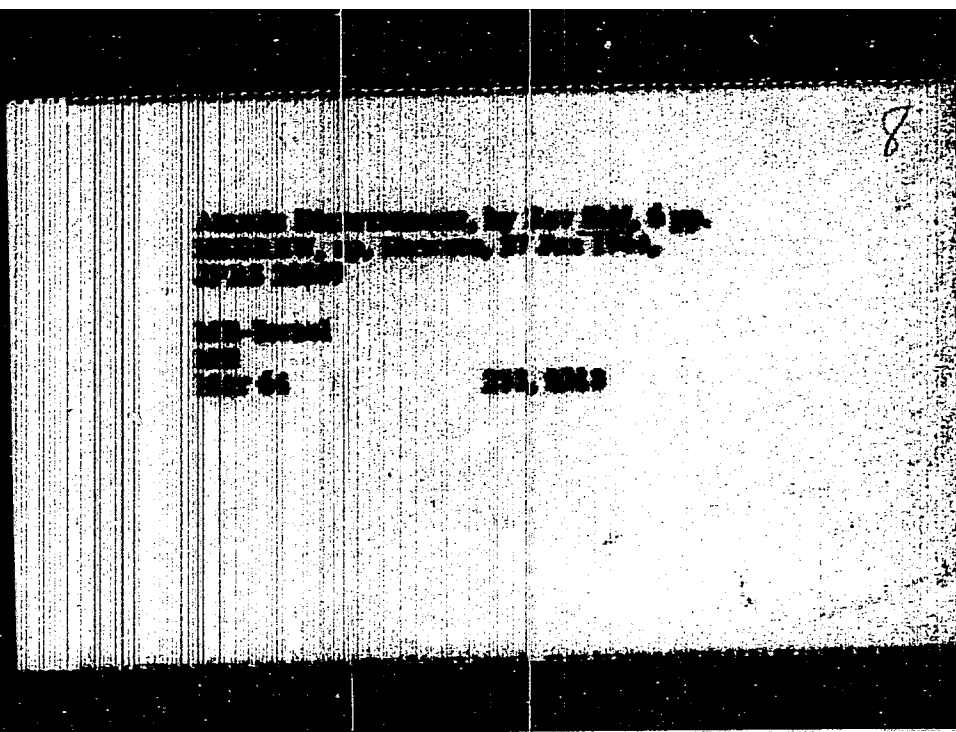
220,509

3. More Demand for Arab Labor, by Zev Shif,
4 pp.

HEBREW, np, Haarets, 19 Oct. 1962, p 3.

JPRS 16598

ME - Israel
Econ
Dec 62



(NY-6401)

The Security Budget and Participation in
Decisions, by Zeev Shif, 6 pp.

REBUTIN, op, Haaretz, 22 Nov 1961,
p 2.

JPRS 12179

Near/East Africa - Israel
M11
Jan 62

180,750

REPORT FROM THE NEW YORK POLICE, BY
NEW YORK, 10 PP.

RECORD, BY NEW YORK POLICE, 18 JUL (P 2),
15 JUL (P 5), 11 JUL (P 4), 1963.

JWS 1064

NY - 10000
ECON
JUL 63

100-10000

(NY#6550)

STAND OF THE DEPUTY DEFENSE MINISTER, BY
ZEEV SHIF, 6 PP.

HEBREW, NP, HAARETZ, 23 OCT 1961, P 2.

JPRS 12311

NEAR EAST/AFRICA - ISRAEL

POL

FEB 62

182,215

(NY-658401)

Why Arabs Flee Israel, by XX Zev Shif,
10 pp.

HEBREW, np, Haaretz, 8/9 Nov 1960.

JPRS 10717

Africa - Israeli
Soc
Dec 61

176, 310

THE AMERICAN OFFICE, IN 1953, SHIF, 11 PP
RECEIVED, 10, 1953, 12 SEP 1953, PP 3-13
JUL 20 1956

RE-122201
NIL
OCT 63

345.033

Arab Employment in Israel, by Zeev Shif,
4 pp.

Hebrew, np, Haarets, No 13,141, Oct 21 1962,
p 2.

JPRS 16632

ME - Israel
Econ
Dec 62

The Course of Radiation Sickness in Mice at
Lowered Barometric Pressure, by I. B.
Bychkovskaya, G. S. Stralin, I. V. Shiffer, 2 pp.

RUSSIAN, per, Med Radiologiya, No 3, 1956,
pp 85, 91, 92, Encl to IR 1005-57, AFOIN-1A1.

AF 1068522

Sci - Medicine, radiology
Feb 1957 CRS/dex

43,458

Methods and Results of Hybridization of Cereal Leaf
Rust Forms, by I. A. Shifman.

RUSSIAN, per, Trudy Vses Inst Zashchity Rastenii,
No 10, 1958, pp 137-152. CIA 9042514

USDA

Sci - Biology
Sep 59

97,472

A Sufficient Quantity of Modern Electrical
Equipment Must Be Assured, by L. I. Shifman.

RUSSIAN, per, Prom Energetika, Feb 1956, Moscow.
pp 28-29.

CIA/Sum 978

35,583

USSR

Economic

USSR Production of Industrial Equipment (24)

Jun 1956

The Essence and Basic Principles of the Organizing of
Soviet Industrial Firms, by N. Radomysel'skiy, I. Shifrik,
23 pp.

RUSSIAN, par, Voprosy Ekonomiki, no 8, 1964, pp 15-28.

JPRS 27533

USSR-1con
Jan 65

271977

Hydrogen Bonds in Excited Electronic States of Molecules with γ -Electrons, by D.N. Shiforin, N.A. Shcheglova et al, 5 pp.

RUSSIAN, per, Dok ak Nauk SSSR,
Phys Chemistry, Vol CL, No 4,
1963, pp 862-~~863~~.

CB

Sci
Jun 64

261,398

Viscosity of Steam at Atmospheric Pressure, by
A. S. Shifrin, 10 pp.

RUSSIAN, per, Teploenergetika, Vol VI, No 9,
1959, pp 22-27.

9093138

MDF S-142

Sci

OTS, Vol III, No 6

Sep 60

126,936

Viscosity of Water Vapour at Atmospheric
Pressure, by A. S. Shifrin, 9 pp.

RUSSIAN, monograph, Vyazkost' Vodyanogo Para pri
Atmosfernom Davlenii.

SLA 60-17196

Sci

NLL 111332

OTS, Vol IV, No 3

129,406

Sep 60

(NY-5100/2)

Passenger Ship for the Caspian Sea, by K. I.
Ivanov, R. A. Leyboshits, D. Ya. Shifrin, 11 pp.

RUSSIAN, per, Sudostroyeniye, No 9, 1960, pp 1-5.

JPRS 7821

5

USSR

Econ

Jan 61

137,988

Electron Energy Levels and Interatomic Distances in
Molecules, by F. SH. Shifrin, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CVI,
No 2, pp 233-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 1

Sci - Nuc Phys

Aug 57

51, 640

A Method of Investigating the Electronic States
of Diatomic Molecules. The Electronic States
and Bond Distances of Alkali Metals and Their
Hydrides, by F. Sh. Shifrin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys, Sec, Vol CX,
No 1, 1956, pp 549-

Sci - Physics
Aug 57

Amer Inst of Phys
Sov Phys .. "Doklady"
Vol I, No 5

51, 356

The Specific Character of the Electronic
Absorption Spectra of Molecules (The
Chromophore Theory), by F. Sh. Shifrin,
10 pp.

RUSSIAN, biblio per, Zhur Anal. Khim, Vol XI,
No 1, Jan/Feb 1956, pp 33-43. CIA 542769 C,
reel 4.

Consultants Bureau

Sci - Chemistry

37,376

Aug 1956

TO IMPROVE THE PRODUCTION AND SALE OF SPARE PARTS,
BY G. GILFRIN, N. KONTYEVSKI, ET AL., 6 PP.

RUSSIAN, PER, PLAN 1962, NO 10, 1963 PP 30-33

JPRS E2408

1963
ECON
DEC 63

244,735

The First Soviet Firm, by A. A. Shtern, I. A.
Shifrin,

RUSSIAN, per, Kozhenno-oburnaya promyshlennost',
No 2, Jan 1962, pp 11-14.

JPRS 15486

USISR
Econ
Oct 62

215,787

Vaccination of Sheep Against Q fever, I. A. Shifrin,
F. V. Rostopov, I. V. Truba, 3 pp.

RUSSIAN, per, Zhur Mikrobiol, Epidemiol i
Immunobiol, Vol XXIX, No 8, 1958, pp 97-100

Pergamon Inst

Sci - Med

Apr 59

85,731

The Determination of the Particle Spectrum of a Dispersed System from Data on Its Transparency. IV. A Calculation Scheme for the Particle Spectrum from a Tabular Presentation of the Transparency, by K.S. Shifrin and A. Ya. Perelman, 6 pp.

RUSSIAN, per, Optika i Spektro, Vol XVI, No 1, 1964, pp 117-128.

Optical Soc of Amer

Sci

May 64

258,395

Measurement of the Microstructure by the Method
of Small Angles, by K. S. Shifrin, V. I. Golikov,
19 pp.
RUSSIAN, per, Trudy Glav Geofiz Observat imeni
A. I. Vovsykova, No 152, 1964, pp 3-15.
NASA TT F-317

Sci-ES/A
Apr 65

279,417

Tables for Computing the Spectrum of the
Particles of a Dispersed System From Its
Transparency, by K. S. Shifrin,
A. Ya. Perel'man, 21 pp.
RUSSIAN, per, Trudy Glav Geofiz Observat,
No 152, 1964, pp 192-211. 9227318
NASA TT F-329

Sci-ES/A
Apr 65

278,750

Theory of the Optical Method for Investigating
Atmospheric Aerosols, by K. S. Shifrin,
P. F. Bankin, 12 pp. FOR OFFICIAL USE ONLY
RUSSIAN, per, Trudy Sovetskoi Gidromet, Vol 12,
1963, pp 253-260. 9699450
RSTC 381-T68-570
ACSI 1-0601
ED 2204054265

Shifrin, K. S.

Oct - 63
Feb 66

295,4252

Calculation Of the Particle Spectrum from Spectral
Transparency Data, by K. S. Shifrin, A. Ya. Perel'-
man, 1 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science
Sections, Vol CLI, No 1-6, Jul, Aug 1963, pp
24

Amer Geol Inst

Sci
Jul, 65

Theory of Spectral Fluxes of Shortwave Radiation
in an Actual Atmosphere, by K. S. Shifrin,
I. M. Minin, 18 pp.
RUSSIAN, per. Vassilyevskaya Kuchanova Meteorologi-
cheskaya Soveshchaniye, Trudy, Vol 6, 1963,
pp 30-44. F100116268-V
FTB-MF-65-44

K. S. Shifrin
Sci/Phys
Jul 68

260 425

32

Basic Results in Investigating the Scattering of
Light on Individual Particles, by K. S. Shifrin,
1 p.

RUSSIAN, per. Vsesoyuznyy Nauchnyy Meteorologi-
cheskiy Sbornik, Trudy, Vol 6, 1963,

pp 68-69.

F100116268-V

FILE-NT-65-44

K. S. Shifrin
Sci/Phys
Jul 68

360,129

Determination of the Particle Spectrum of a
Dispersed System from Data on its Transparency.
III. Use of the Fundamental Equation for the
Case of a Tabular (Graphic) Presentation of the
Spectral Transparency, by K. S. Shifrin,
A. Ya. Perelman, 5 pp.

RUSSIAN, per, Optika i Spektro, Vol XV, No 6,
1963, pp 803-813.

Optical Soc of Amer

Sci

Mar 64

253,581

52
Theory of Short Wave Radiation Fluxes in
the Real Atmosphere, by K. S. Shifrin,
I. N. Mirza.
RUSSIAN, per. Meteorologicheskogo
Soveta, Vol 6, pp 30-44, 1963
RUSSIA TTP-272 9229870

K.S. Shifrin

001-15500
001 05

290,014

The Determination of the Spectrum of Particles
in a Dispersed System From Data on Its
Transparency. I. The Fundamental Equation for
the Determination of the Spectrum of the Particles
by K. S. Shifrin, A. Ya. Perel'man, 5 pp.

RUSSIAN, per, Optika i Spektro, Vol XV, No 4,
1963, pp 533-542.

OSA

Sci

249,150

Spectroscopic Determination of the Total Quantity
of Water Vapor in a Vertical Column of the
Atmosphere, by K. S. Shifrin and O. ~~Albare~~.
RUSSIAN, per, Trudy institut fiziki i astronomii
Akademiya nauk Estonskoy SSR, issledovaniya
po fizike atmosfery, No 4, 1963, pp 15-16.
ATD T-65-30

Sci-BA/A
May 65

Present State of Research on Atmospheric Electricity,
by I. M. Bayazitov, K. S. Shifrin, 31 pp.

RUSSIAN, per, Uspekhi Fiz Nauk, Vol LXXVI, Nos 3/4
1962, pp 593-642.

Amer Inst Phys
Sov Phys - Uspekhi
Vol V, No 2

Sci

214,895

Oct 62

Sensitivity of the Polydisperse Scattering
Coefficient to the Form of the Distribution
Curve, by K. S. Shifrin, V. F. Raskin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol ^CLXXXVII,
Nos 1-3, 1961, pp 64-67.

AIP
Soviet Physics
Vol VI, No 3

Sci

169,322

Sep 61

Opređeleniye Spektra Kapel'metodom Malykh
Uglov, by K. S. Shifrin, V. I. Golikov.

RUSSIAN, bk, Institut Prikladnoy Geofiziki.
Issledovaniya Oblakov, Osadkov i Grosovogo
Elektrichestva: Doklady na VI Mezhdunarodnoy
Konferentsii, Akademiya Nauk SSSR, 1961,
pp 266-277.

*AID

Sci
May 64

Nonhorizontal Visibility at Solid Cloud Cover,
by K. S. Shifrin, I. N. Minin, 5 p.

RUSSIAN, per, IZ Ak Nauk SSSR, No 1, 1959,
pp 131-138.

Amer Geophys Union

Sci

Apr 60

114,586

The Spectral Indicatrices of Large Water Drops
and the Spectral Polarization of Rainbows, by
K. S. Shifrin, Yu. I. Rabinovich, 17 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 12,
1957.

Pergamon Press

Sci - Geophysics
Aug 59

93.793

K. S. Shifrin and L. N. Guseva: Forecast of
natural photometric intensity, 7 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 6,
1957, pp 827-831.

Pergamon Inst

Sci - Geophys

Apr 59

85,650

Shifrin, K. S.
THE THEORY OF RADIATIONAL PROPERTIES OF
CLOUDS (CONTRIBUTION) (K Teorii Radiatsionnykh
Svoystv Oblakov) tr. by George S. Mitchell and David Q.
Wark. May 59 [7]p. 4 refs.
Order from OTS or SLA \$1.10

61-13819

Trans. of Akademiya Nauk SSSR. Doklady, 1954,
v. 94, no. 4, p. 673-676.

DESCRIPTORS: *Clouds, Thermal radiation, Theory.

A theoretical analysis is presented of the spectral
properties of clouds in the long-wave region.

(Earth Sciences--Meteorology, TT, v. 6, no. 1)

61-13819

- I. Shifrin, K. S.
- II. Weather Bureau,
Washington, D. C.
- III. 61-15084 canceled

Office of Technical Services

109
Scattering of Light in a Turbid Medium, by
K. S. Shifrin, 208 pp.
RUSSIAN, bk. Rassseyaniya Sveta v Mutoy Srede.
1951.
NASA TT R-477

K. S. Shifrin
Sci-Film
May 68

356.219

Heat Radiation of Small Particles, by K. S.
Shifrin.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXVII,
No 3, 1951, pp 399 - 402.

Scientific - *Engel*

A-10915

AEC Tr 996

Navy TR 428/VR 4368
RT-685

Nov 1951 CTS

act 1951 CTS

S. 11.7

On the Theory of Light Scatter in the Atmosphere
K. S. Shifrin

RUSSIAN, Trudy Galvnoy Geofiz Observatori imeni
A. I. Vovaykova, Vypusk 19 (81) 1950, p 255

U-1687

A 10914

SHLEFRIN, K. S.

Comptes Rendus (Doklady) Acad Sci, USSR, Vol LIX,
No 3, 1948, pp 483-486

The Theory of Scattering of Light by Impurities in
the Atmosphere and Hydrosphere, 6 pp.

PA 42T97

NRL 169

RT-1165

CIA

3776

A10417

~~CIA 9683~~

Choice of the Type of Reversible Controller
for Marine Propelling Machinery, by M.S
Shifrin.

RUSSIAN, per, Sudostroenie, Vol. 29, No. 10

1963, pp 22

NIL/9022.065 1964 (1855)

Sci -
Aug 67

M.S. SHIFRIN

336-150

Questions in the Full Automation of Ships, by
M. Sh Shifrin, 8 pp.

RUSSIAN, per, Sudostroyeniye, No. 9, Leningrad,
Sept 64, pp 1-3.

JPRS 27676

USSR
Econ

272,262

Heat Treatment and Mechanical Properties of Light
Wagon Wheels, by M. Yu. Shifrin, S. I. Stupel', 4 pp.

RUSSIAN, per, Stal, No 2, 1961, pp 160-.

BISI

165,193

Sci

Aug 61

The Statistics of the Field of a Linear Antenna, by
by Kh. S. Shifrin, 8 pp.

RUSSIAN, per, Radiotekhnika i Elektronika, No 3, 1963.

THESE

Sci. -
Dec 63

244,129

Correlation Characteristics of the Field of a
Linear Antenna, by Ya. S. Shifrin, 13 pp.

RUSSIAN, per, Radiotekh i Elektron, No 11, 1961.

AIEE

Sci
19 Jul 62

204,127

Effect of Fluctuations in the Incident Wave On
the Diffraction Patterns in the Focal Plane of
a Lens, by Ya. S. Shifrin, 6 pp.

RUSSIAN, per, Akust Zhur, Vol VII, No 2, 1961,
pp 246-255.

AIP
Sov-Acoustics
Vol VII, No 2

Sci

Mar 62

180,331

Structure of Phenolaldehyde Resins. XI. The Nature
of Resinous Condensation Products of Phenol With
Formaldehyde, by A. A. Vansheidt, A. T. Itenberg,
N. S. Shifrina, 7 pp. UNCLASSIFIED.

RUSSIAN, per, Zhur Obshch Khim, Vol XII, 1942,
pp 500-509.

CIA/FDD/X-1472

Scientific: Chemistry

13,651

Some Comparative Tests of Electrolytic Tin Plages
and Hot Dipped Tin Plates in Cans for Japanese
Canned Mandarin Oranges, by Shiga Iwao.
JAPANESE, per, Rept. Oriental Canning Inst. Vol. 4,
1956, pp 155-160
INSIOC/Ref. T. 2835

SHIGA IWAO

Sci -
July 1967

334-569

Friction Between 'Voice of Japan' and 'Yayogi'
Factions in the Japanese CP, by Shiga Yoshio,
Suzuki Ichizo, Nakano Shigeharu, Kaniyama Shigeo,

6 pp.

JAPANESE, per, Nihon no Koe, No 21, 9 Dec 1964,

p 1.

SPEN 28370

FR-Japan

pot

Feb 65

P50

274,028

Thermomechanical Treatment of Steel
and Its Effect on Fine Structure and Mechanical
Properties, by A. P. Gulyaev, A. S. Shigarev,

7 pp.

RUSSIAN, *for* *poslanie* *Vysokoprochnym Splavam i*
Nitevidnym Kristallam, 1963, pp 75-80.

JPRS 24942

Sci - M/M
Jun 64

261,686

Martensite Formation at High Rates of Deformation,
by A. P. Gulyayev, A. S. Shigarev, 5 pp.

RUSSIAN, per, Fiz Metal i Metallov, Vol X, No 5,
1960, pp 691-697.

PP

Sci

Oct 61

172,884

Thermomechanical Treatment of Titanic
Alloys, by A. P. Gulyaev, A. S. Shigarev, 8 pp.
RUSSIAN, tr, Izale po Vysokoprochnym Splavam
i Nitevidnym Kristallam, 1963, pp 142-147.
JPRS 24942

Sci - M/M
Jun 64
I

261,688

Notes on the Nuptial Coloration and Peral Organs ⁶⁴
in Chinese Fresh-water Fishes, by Shigaru Kimura,
Yuean Teo. 53 pp.

CHINESE, per, Journal of the Shanghai Science
Institute, Vol 6, 1937, pp 277-318.

Dept of Interior

BCF/DPF

A-37-March 1970-No 11

On Loan

Shigaru Kimura

Sci-BM

June 70

Determination of Gases in Steel by Vacuum Fusion
(Absorption of Gases by the Furnace. I), by
Shigeki Sawa.

JAPANESE, per, Tetsu To Hagane, Vol XXXVIII, No 8,
pp 567-571.

Brutcher Tr
No 3647

30,257

Scientific - Min/Metals

Jan 56 CTS/DEX
\$6.80

Method for Detecting a Conductor in the Sea
from Mid-Air, by Hideyuki Kikuchi, Shigeko
Kikuchi. UNCLASSIFIED

JAPANESE, Patent appl, 1957.

Navy 2531/BuShips 670

Sci - Geophysics
Jnn 60

118,704

Method for the Detection of a Conductor in the Sea
from The Air, by Hideyuki Kikuchi, Shigeo Kikuchi.
UNCLASSIFIED

JAPANESE, Patent appl, 1957.

Navy 2530/EnShips 669

Sci - Geophysics
Jun 60

118,702

(DC-3801)

ON THE HOUSE OF COUNCILORS ELECTION RESULTS OF
THE ANTI-PARTY ELEMENTS KNOWN AS THE "SOCIALISM
REFORM MOVEMENT", BY SHIGEHO KAJITA, 6 PP.

JAPANESE, NP, AKAHATA, 22 JUL 1962, P 3.

JPRS 14938

FE - JAPAN

POLY
AUG 62

208,934

TT-65-14038

Field 7D

Shigematsu, H.; Suzuki, M.; Ishii, Y.
STUDIES OF THE KINETICS ON THE RING OPENING
ADDITION OF EPOXY COMPOUNDS TO THE ACTIVE
HYDROGEN COMPOUND. PT. IV. RATE OF SUCCESSIVE
ADDITIONS OF PROPYLENE OXIDE TO VARIOUS ALCO-
HOLS. 20p, 10 refs.
Order from SLA: \$1.60 as TT-65-14038

Trans. of Kogyo Kagaku Zasshi (Japan) v64 n9 p1583-8 1961.
Another trans. is available from SLA \$2.60 as TT-62-18748,
21p.

I. Title: Rate ...

PROTEIN METABOLISM IN THE FAT BODY OF THE SILKWORM,
BY H. SHIGEMATSU, 19 PP.

JAPANESE, PER, BULLETIN OF THE SERICULTURAL EXPERIMENT
STATION (TOKYO), VOL XVI, NO 4, 1960, PP 141-164.

NIH 6-55-62

SCI % BIOL

208,791

AUG 62

Shigematsu, Hiroshi, Suzuki, Masaji, and Ishii,
Yoshiro.

RATE OF SUCCESSIVE ADDITIONS OF PROPYLENE
OXIDE TO VARIOUS ALCOHOLS. Pt. 4 of [Studies of
the Kinetics on the Ring Opening Addition of Epoxy Com-
pounds to the Active Hydrogen Compound]. [1962] [21]p.
11 refs.

Order from SLA \$2.60

62-18748

Trans. of Kogyo Kagaku Zasshi (Japan) 1961, v. 64
[no. 9] p. 1585-1588.

DESCRIPTORS: *Propanes, *Epoxides, *Propenes,
Oxides, *Alcohols, Chemical reactions, Reaction
kinetics, Catalysts, Sodium compounds, Hydroxides

The reaction products of active hydrogen compounds and
propylene oxide have several isomers depending on the
cleavage position in the oxiran ring. The hydroxyl
groups of these isomers may be primary or secondary.
(Chemistry--Physical, TT, v. 10, no. 1) (over)

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- I. Shigematsu, H.
- II. Suzuki, M.
- III. Ishii, Y.
- IV. Title: Studies...

Office of Technical Services

On Genji-Botaru (Genji Firefly) *Luciola*
Cruzata of Tetsuno-Machi,
Nagano-ken, and its Cultivation, 11 pp.
by Shigemori Katsuno,
JAPANESE, 1976, Misc Reports of
the Yokosuka City Museum, No 9,
3/25/64, pp 1-6,
Dept of Navy 4640/ONI Tr 2146-a

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